

Report from E1

Burkard 07/18/03

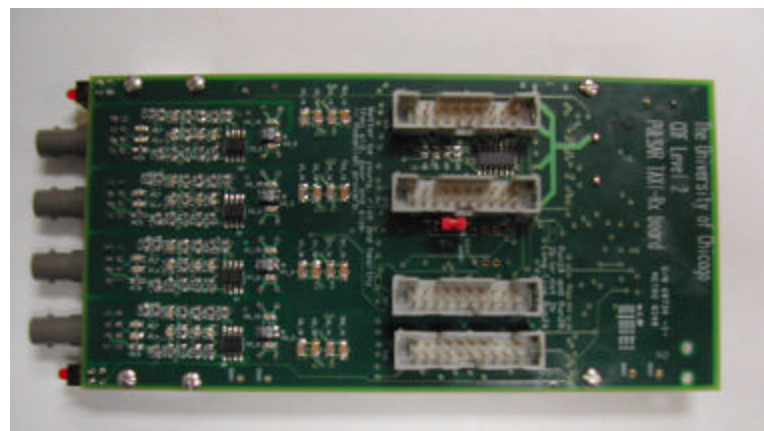
- **Hardware Status**
- **Testing L1→L2 muon interface**
- **Initial tests of XTRP interface**

Hardware Status

Bad news:

- Delay of new pulsar boards until beginning of August
- Delay of AUX cards

Good news: TAXI Rx production running smoothly



Firmware Adding in new features

- **Tx & Rx: HRR**
- **Tx: sending multiple events**
- **Rx: DAQ buffer**
fixed (MUON) &
variable length (XTRP & Pulsar OUT)

Front End Readout code:

- **“poor man” dump to screen**
- **“official” : Software event builder is working**

**Since 03/07 New Crate in Trigger Room:
LEVEL2_PULSAR_00 (b0l2pu00)**

Setup:

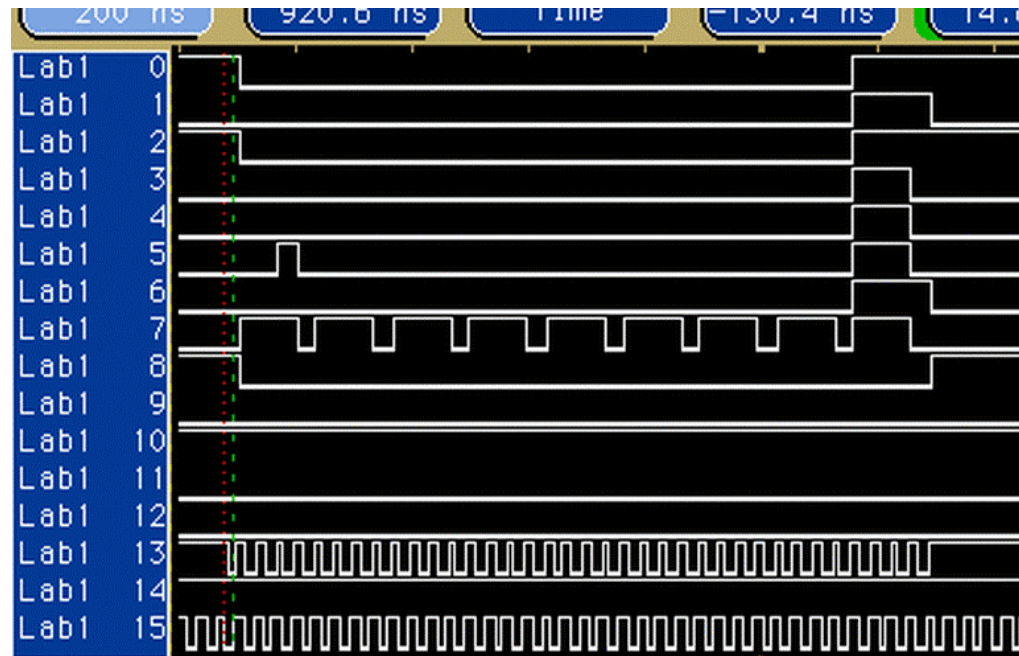
- **Muon & XTRP Tx → Muon & XTRP Rx**
- **Copy in TEST_LEVEL2_01**

Methodology:

- **extensive standalone test in test stand crate**
- **extensive standalone test in TrigRoom crate**
- **interface with real system**

Testing L1 → L2 Muon interface:

- LA:



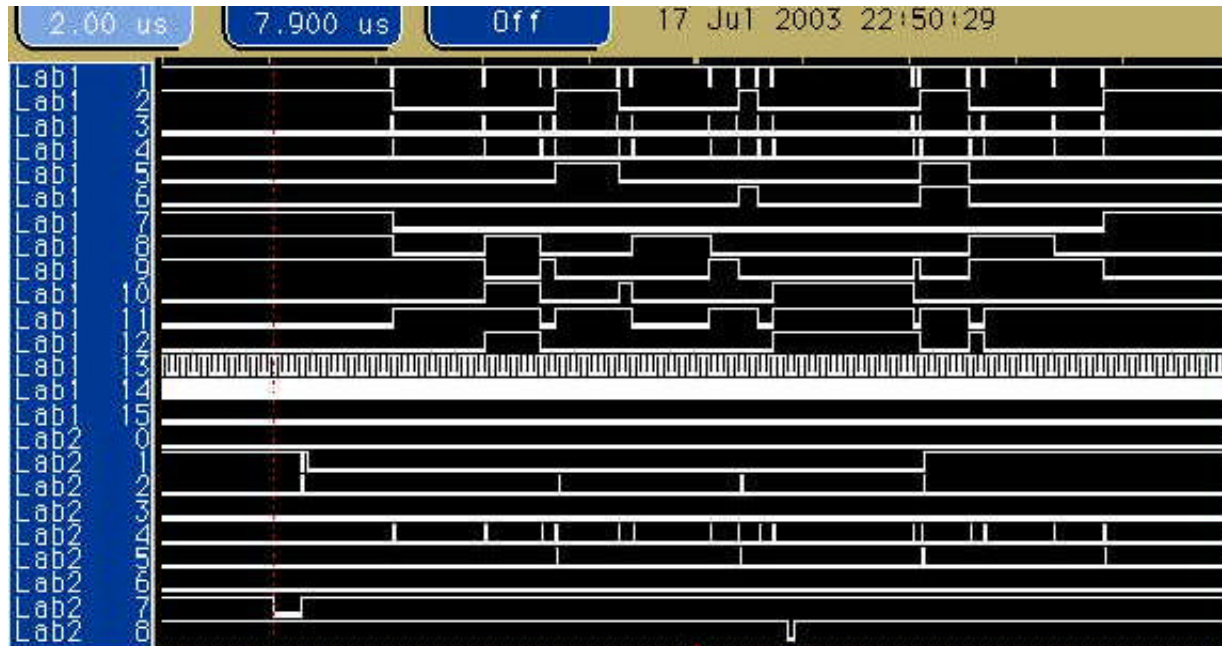
OK

- Screen dump OK

- Record calib. and cosmic events in normal & Myron mode with SEVB → Cheng-Ju

Initial Testing of XTRP interface with XTRP testpattern (this night)

•LA:



OK

•Screen dump OK